

Title (en)
Transdermal drug delivery device

Title (de)
Transdermale Arzneimittelzuführungvorrichtung

Title (fr)
Dispositif d'administration de médicaments transdermique

Publication
EP 1841491 B1 20090527 (EN)

Application
EP 05851357 A 20051031

Priority
• US 2005039927 W 20051031
• US 136704 A 20041202
• US 158704 A 20041202

Abstract (en)
[origin: WO2006060106A1] A transdermal drug delivery device (100, 100') includes a cassette (104) and a lid (106) that is attachable to the cassette (104). The cassette (104) includes a first reservoir (110) for containing a drug (102) and microneedles (116). At least one of the microneedles (116) is in fluid communication with the first reservoir (110). The lid (104) includes a power source (114, 144) and an electronic device (138) configured to receive electrical energy generated from the power source (114, 144). The drug delivery device (100, 100') also includes a logic device (136) configured to selectively control delivery of the electrical energy to the electronic device (138), whereby delivery of the electrical energy causes the electronic device (138) to deliver the drug (102) contained in the first reservoir (110).

IPC 8 full level
A61M 37/00 (2006.01)

CPC (source: EP US)
A61M 37/0015 (2013.01 - EP US); **A61M 2037/003** (2013.01 - EP US); **A61M 2037/0061** (2013.01 - EP US); **A61M 2205/16** (2013.01 - EP US); **A61M 2205/35** (2013.01 - EP US); **A61M 2205/50** (2013.01 - EP US); **A61M 2205/82** (2013.01 - EP US)

Cited by
US10117774B2; US9861525B2; US9693894B2; US10321858B2; US9623174B2; US9849238B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006060106 A1 20060608; AT E432104 T1 20090615; CN 101068591 A 20071107; CN 101068591 B 20100526; DE 602005014677 D1 20090709; DK 1841491 T3 20090914; EP 1841491 A1 20071010; EP 1841491 B1 20090527; ES 2327767 T3 20091103; US 2008009800 A1 20080110; US 2008009801 A1 20080110

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